RTIP ID# *(required)* IMP120628/ SCAG017	

TCWG Consideration Date   June 25, 2013

Project Description *(clearly describe project)*   The project proposes improvements that will involve installation of new traffic signals and intersection improvements at the intersection of Aten Boulevard and Dogwood Road in the City of Imperial. The proposed project is comprised of a preliminary engineering phase and construction phase. The preliminary engineering phase will include the following work: engineering design work, environmental review, and encroachment permit process with local funding only. The construction phase proposes the following scope of work: installation of traffic signals and intersection improvements with local and federal funding.

Type of Project *(use Table 1 on instruction sheet)*   Intersection signalization

County Imperial	**Narrative Location/Route & Postmiles** Intersection of Aten Blvd. and Dogwood Road Caltrans Projects – EA# **: IMP120628;** [CML-5134(017)]

Lead Agency: Caltrans District 11

Contact Person Ilene Gallo	**Phone#** (619) 688-6460	**Fax#** (619) 688-4299	**Email** ilene_gallo@dot.ca.gov

Hot Spot Pollutant of Concern *(check one or both)*   **PM2.5 X**   **PM10 X**

Federal Action for which Project-Level PM Conformity is Needed *(check appropriate box)*

X	Categorical Exclusion (NEPA)	EA or Draft EIS	FONSI or Final EIS	PS&E or Construction	Other

Scheduled Date of Federal Action: October 2008

NEPA Delegation – Project Type *(check appropriate box)*

X	Exempt	Section 6004 – Categorical Exemption	Section 6005 – Non-Categorical Exemption

Current Programming Dates *(as appropriate)*

	PE/Environmental	ENG	ROW	CON
Start	01-13	01-13	01-13	03-14
End	06-13	01-14	01-14	07-14

Project Purpose and Need (Summary): *(attach additional sheets as necessary)*
The purpose of the project is to improve safety and reduce emissions at the intersection of Aten Blvd. and Dogwood Road by installation of a traffic signal at the intersection.

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*
Land uses in the immediate vicinity of the intersection Aten Blvd. and Dogwood Road are currently agricultural.

Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility
 (See attached table below).

        No Build: Total AADT for intersection (sum of all AADT) = 30,538. Highest segment AADT = 9080.
% of trucks = 5.956. Total Truck AADT for intersection (sum of all AADT) = 1,819. Highest segment truck AADT = 541.
            Build: Total AADT for intersection (sum of all AADT) = 30,538. Highest segment AADT = 9080.
% of trucks = 5.956. Total Truck AADT for intersection (sum of all AADT) = 1,819. Highest segment truck AADT = 541.
[a]Truck percentages estimated from EMFAC2011 Model Run for Imperial County, 2013, for vehicle categories LHD1 through HHD

RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility. (See attached table below).

        No Build: Total AADT for intersection (sum of all AADT) = 86,240. Highest segment AADT = 26,200.
% of trucks = 5.956. Total Truck AADT for intersection (sum of all AADT) = 4,554. Highest segment truck AADT = 1,384.

            Build: Total AADT for intersection (sum of all AADT) = 86,240. Highest segment AADT = 26,200.
% of trucks = 5.956. Total Truck AADT for intersection (sum of all AADT) = 4,554. Highest segment truck AADT = 1,384.
[a]Truck percentages estimated from EMFAC2011 Model Run for Imperial County, 2035, for vehicle categories LHD1 through HHD

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

No Build - 2013			
Cross Street	AADT	% of Trucks	Truck AADT
Aten EB	9080	5.956	541
Aten WB	8641	5.956	515
Dogwood NB	6832	5.956	407
Dogwood SB	5985	5.956	356
Build - 2013			
Cross Street	AADT	% of Trucks	Truck AADT
Aten EB	9080	5.956	541
Aten WB	8641	5.956	515
Dogwood NB	6832	5.956	407
Dogwood SB	5985	5.956	356

[a]Truck percentages estimated from EMFAC2011 Model Run for Imperial County, 2013, for vehicle categories LHD1 through HHD

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

No Build - 2035			
Cross Street	AADT	% of Trucks	Truck AADT
Aten EB	22,500	5.282	1,188
Aten WB	26,200	5.282	1,384
Dogwood NB	19,300	5.282	1,019
Dogwood SB	18,240	5.282	963
Build - 2035			
Cross Street	AADT	% of Trucks	Truck AADT
Aten EB	22,500	5.282	1,188
Aten WB	26,200	5.282	1,384
Dogwood NB	19,300	5.282	1,019
Dogwood SB	18,240	5.282	963

[a]Truck percentages estimated from EMFAC2011 Model Run for Imperial County, 2035, for vehicle categories LHD1 through HHD

Describe potential traffic redistribution effects of congestion relief *(impact on other facilities)*
The project would not result in redistribution effects due to congestion relief.

Comments/Explanation/Details *(attach additional sheets as necessary)*
The intersection of Aten Blvd. and Dogwood Road is currently controlled by a 4-way stop. There will be a reduction in emissions upon installation of the traffic signal.

Signalization of a single intersection is exempt from regional conformity requirements. However, hot spot analysis is required for PM10 and PM2.5 because Imperial County has been designated as a "non-attainment" area for those pollutants. This project is required to obtain concurrence through the SCAG/TCWG interagency consultation process with a determination that the project is not a Project of Concern (not a POAQC) for PM10 or PM2.5, based on traffic volumes well below the U.S. EPA criteria for a project of concern.